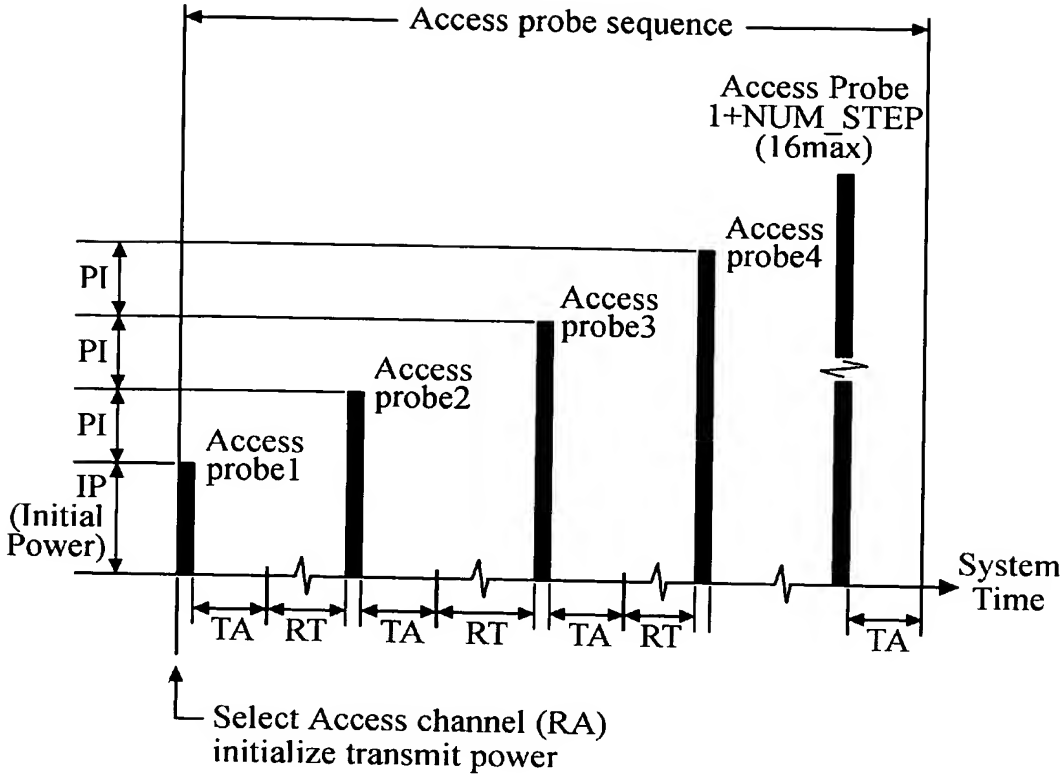
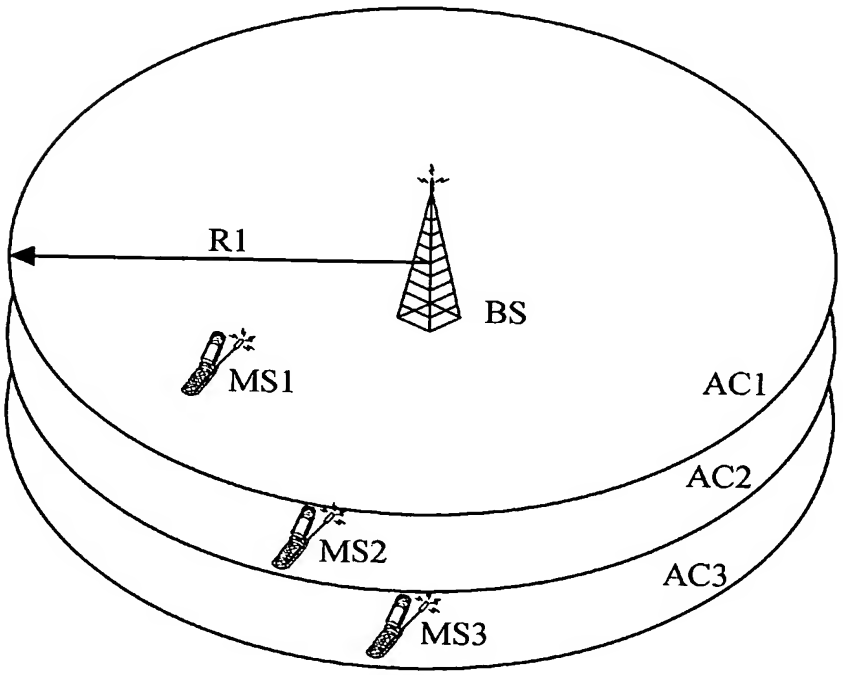
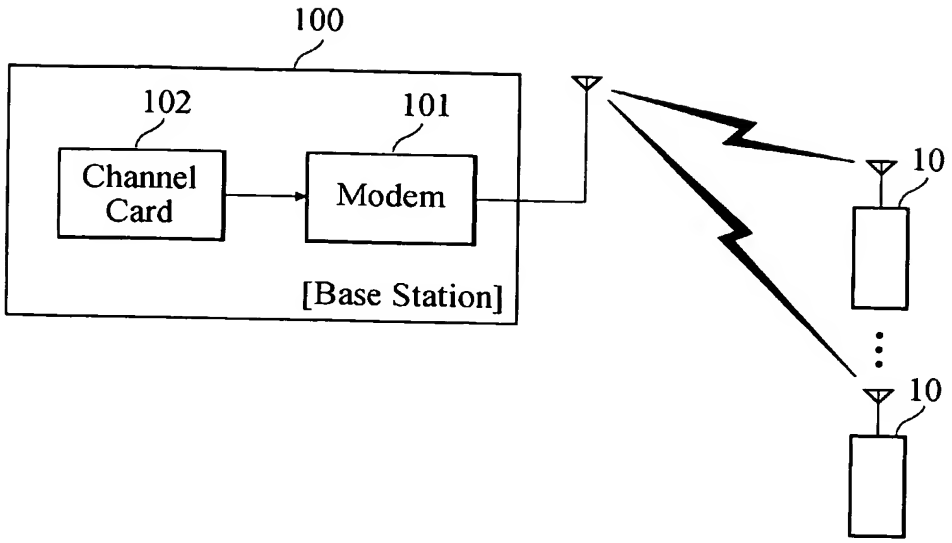
[Fig. 1]


Access probe sequence
Access Probe
1+NUM_STEP
(16max)
Access
probe4
Access
probe3
Access
probe2
Access
probe1
PI
PI
PI
IP
(Initial
Power)
System
Time
TA
RT
TA
RT
TA
RT
TA
Select Access channel (RA)
initialize transmit power

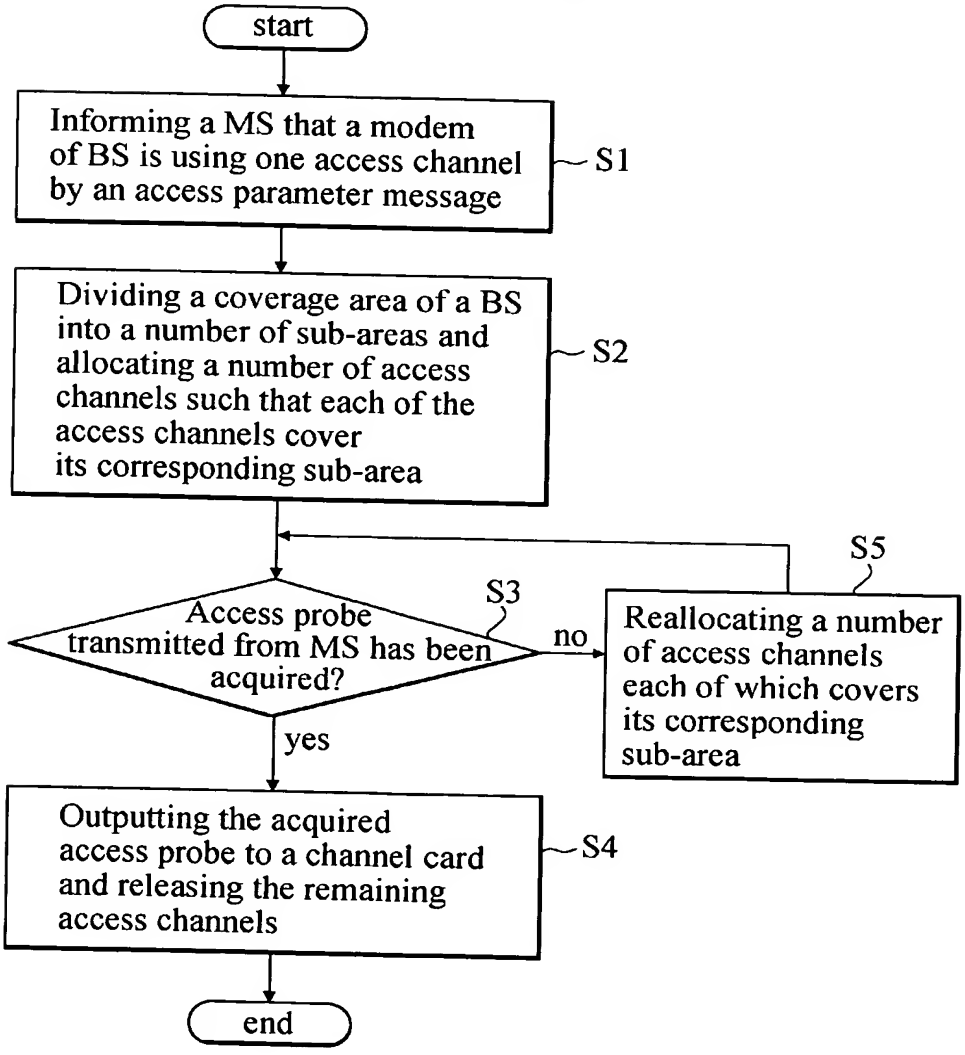
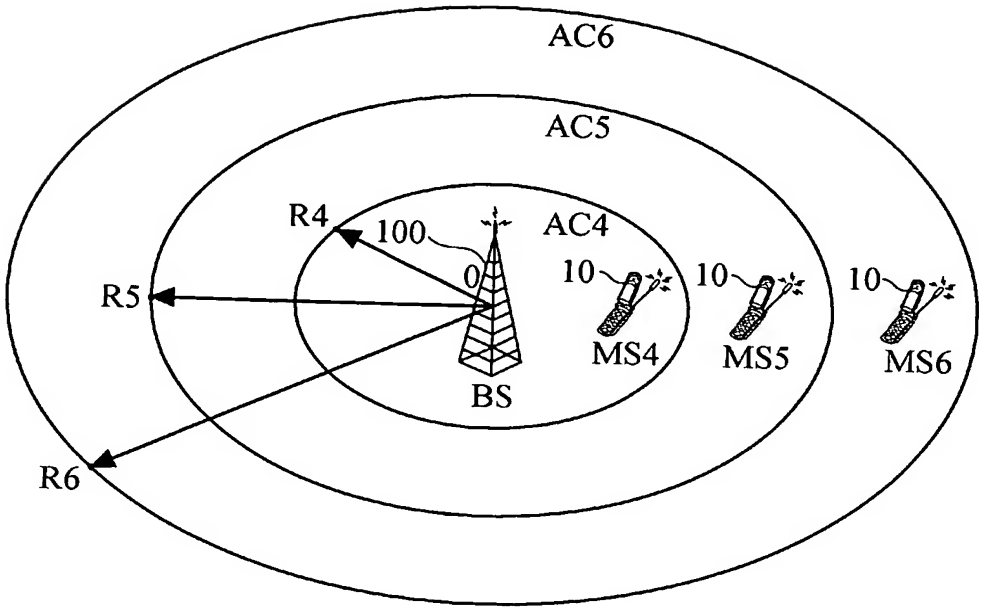
[Fig. 2]


R1
BS
MS1
AC1
AC2
MS2
AC3
MS3

[Fig. 3]


100
102
101
Channel Card
Modem
[Base Station]
10
10

[Fig. 4]


start
Informing a MS that a modem of BS is using one access channel by an access parameter message
S1
Dividing a coverage area of a BS into a number of sub-areas and allocating a number of access channels such that each of the access channels cover its corresponding sub-area
S2
S5
S3
Access probe transmitted from MS has been acquired?
no
Reallocating a number of access channels each of which covers its corresponding sub-area
yes
Outputting the acquired access probe to a channel card and releasing the remaining access channels
S4
end

[Fig. 5]